

In re: Application of STEINDLER, et al.
Confirmation No: 6329
Application No.: 10/695,600
Examiner: SAJJADI, F. G.
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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-29 (canceled)

30. (Currently Amended). A purified pluripotent An isolated culture of multipotent progenitor or precursor brain stem cell cells containing a sub-population of cells that are is immunonegative for glial fibrillary protein, nestin and TuJ1, wherein said culture is capable of differentiation into Type II and Type III clones, that positively display markers for glial fibrillary acidic protein, nestin and TuJ 1.

31. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 30, wherein the cell cells are is made according to a method comprising the step of culturing a dissociated human brain cell under conditions that inhibit cell-cell and cell-substrate interactions.

32. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 31, wherein the step of culturing the dissociated human brain cell comprises culturing the dissociated human brain cell on a non-adhesive substrate in suspension culture supplemented with fetal bovine serum and methyl cellulose.

33. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 30, wherein the pluripotent brain stem cell is a mammalian cell.

34. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 33, wherein the pluripotent brain stem cell is a human cell.

35. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 33, wherein the pluripotent brain stem cell is a murine cell.

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36. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 30, wherein the pluripotent brain stem cell is obtained from a post-mortem animal subject.

37. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 30, wherein the pluripotent brain stem cell has been introduced into a tissue in an animal subject.

38. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 37, wherein the tissue is a central nervous system tissue.

39. (Currently Amended). The pluripotent isolated brain stem cell cells of claim 38, wherein the central nervous system tissue is brain tissue.

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